

goebels janden Moning 2276 g ~ 10 sepula - I putits Orang makent extense om skort, meneg niddrik entron de orbitales, concare ab L 3 Tim, me sign innement amagnet er nobliges pde geller Stymte douget 5 frages Anther small, globose, little shorte the style ovany globoze To tule of flower \_ looks like an opunti with with makes own, but corolle and exactly votate A lange Ment, of the apparament of a Phyllomether, will start but short now saddish joints; flowers numerous, for the mann Scenes to be Mipselis peckypten Het - but flowers smallen & and without Smalle , a Ingellowill the desorted by Fourther su Crime Salu sho says that the flowers are shootsong MISSOURI BOTANICAL copyright reserved GARDEN

A. lungpetalene: Petalis mujoribus late obovatos s. suborbirulatis, murrometi, s. emangenti; øsepe out anitati B. Kenopetalene bitatis panolis, lamolito-Arean bus argunintes. J. Obbessentes Lemiter pubernett, attoulis, folis minutis. bronque (publiss?) puberenti bis.
I Herocarpene athornois elliptions, orbitality comprenis, Is. tumiki, tentihiserlive u folis glabe panis, bern sitre spinesrente, som neis mægstig etneneig pleongen leftssinn manginetis III Sanso raspeal GEORGE ENGELMANN PAPERS MISSOURI BOTANICAL GARDEN MISSOURI

BOTANICAL copyright reserved GARDEN

Thippelis Swarfiana #65 Neap. Jan 7 1869 Her usually 3 alate blow flattened and widered upwards - bearing flowers on both parts, usually one Mijselij Swarfsana sometimes two in one axil - flowers not got open But examined! 5 sepres and 5 petels, all bronder Then in the other spenies obtained today (orispata & musembryanthemorides) sepals either on the same plane en one sometimes lover 4 spreading down on overy - sepils, esperially the extenior mes red - petals brondly oval obline stamens numerous, stigmets : stigmala A Linear, spreading. ovapy of but, 4 prominent ×10) planentae, with more or less recurred orriles

copyright reserved



BOTANICAL GARDEN MISSOURI BOTANICAL GARDEN
GEORGE ENGELMANN PAPERS

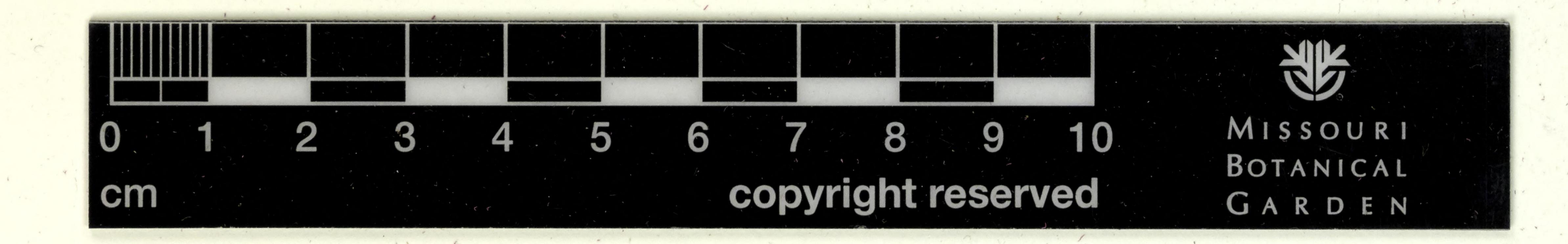
The state of the s

were the deeper of the second second

And the second of the second o

Description of the second of t

and the first of the second of



Febr. 1860 2278 fir Th. Mechain Germanton Ahipsalis Swarziana who sent it time, she sed, asialate, petet, oblier ovel, some very much like my pachetiers. Oberente not reaching to the creater onle partly ereat, from the east at the Marety a young bed! perhaps pleasely MISSOURI

copyright reserved

BOTANICAL GARDEN

MISSOURI BOTANICAL GARDEM





MISSOURI BOTANICAL GARDEN

The state of health of the city improved considerably during the same period; and though exanthematic diseases continued to prevail to a certain extent, we entered with the month of April into the most healthy season, which is likely to continue until the hot summer weather begins to exhibit its trying effects on the inhabit-tants, which we may expect toward the latter part of May.

## ATMOSPHERIC ELECTRICITY, TEMPERATURE AND HUMIDITY.

Observations made at St. Louis, Missouri, based upon daily observations at 6, 9, 12, 3, 6 and 9 o'clock, from morning till night. By A. Wislizenus, M. D., St. Louis, Mo.

I.—Monthly Mean of Positive Atmospheric Electricity.

MARCH.

YEAR.	6 A.M.	9 A. M.	12 M.	3 P. M.	6 P. M.	9 P. M.	MEAN OF MONTH	NO OF THUNDER STORMS.	PREVAILING WINDS.
1861 1862 1864 1865	11. 8 15. 8	12. 8 15. 5	9.4 16.5	8. 4 10. 4	7.0 11.1	6. 8 12. 3	9.4 13.6	2	W. & SE. W. SE. & NW. NW. W. NE. SE. SE. SE. W. & S.
Mean	12.5	12.7	10.7	7.6	7.7	8.2	9.9		

#### APRIL.

1861 1862 1864 1865	10.7 10.0 9.1	13.7 9.9 11.6	10. 6 10. 0 6. 8	9. 1 6. 2 7. 5	9. 4 8. 0 7. 8	10. 1 8. 6 8. 0	10.6 8.8 8.5	6 2 3	S. & W. SE. NW. & NE. SE. & NW. NW. & SE. W. SE.
Mean.	8.9	I0. 2	7.4	6.6	7.1	7.7	8. 0		

The state of health of the city improved considerably during the same period; and though examplematic diseases continued to prevail to a certain extent, we entered with the month of April into the most healthy season, which is likely to continue until the hot summer weather begins to exhibit its trying effects on the inhabit.

tants, which we may expect toward the latter part of May.

# ATMOSPHERICA RIANGER HUMIDITY. HUMIDITY.

Observations made at St. Louis, Missouri, based upon daity observations at 6, 9, 12, 3, 6 and 9 o'clock, from morning till adole. By A. Wishighs, M. B., St. Louis, Mo.

I. - Monthly Mean of Positive Atmospheric Bleetricity.

#### TIMEA


AN DO NE.	0.01 8.8 6.8				
	0.8	and the same of th		TRAS	AND THE RESIDENCE OF THE PARTY

desired to the control of the contro

Ahjuli misse er hosto Bendi (1869) 0600

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved





MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS

786 4 minst GA

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

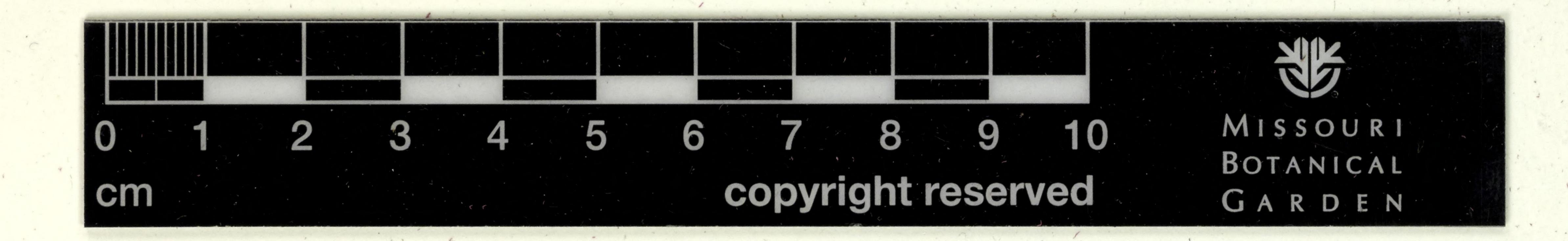


Mipselis orispate lation Selen" 2280 joints 6 or 7 and boing, by sor 6 write 2280 flowers same as in the number form, stopments offene eventies, at last spreading.



Missouri Botanical Garden

George Engelmann Papers

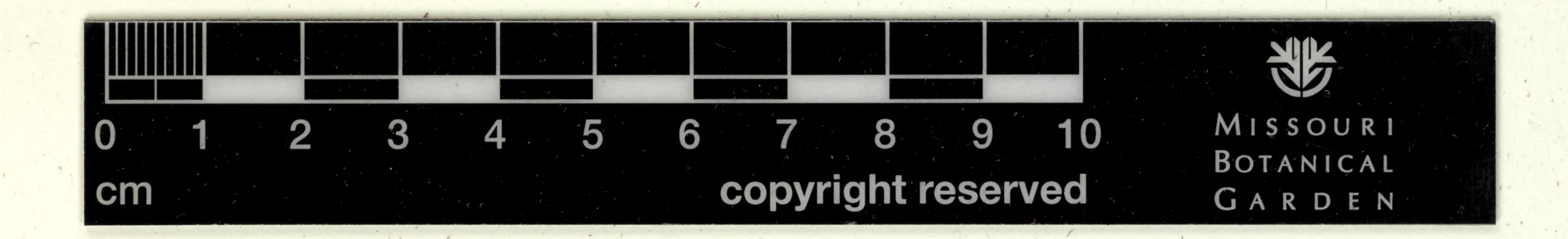


Mipslis orispute lation Selie" 2280

joints 6 or 7 and boing, by sor 6 write 2280

flower same as in the surrower form, stopments

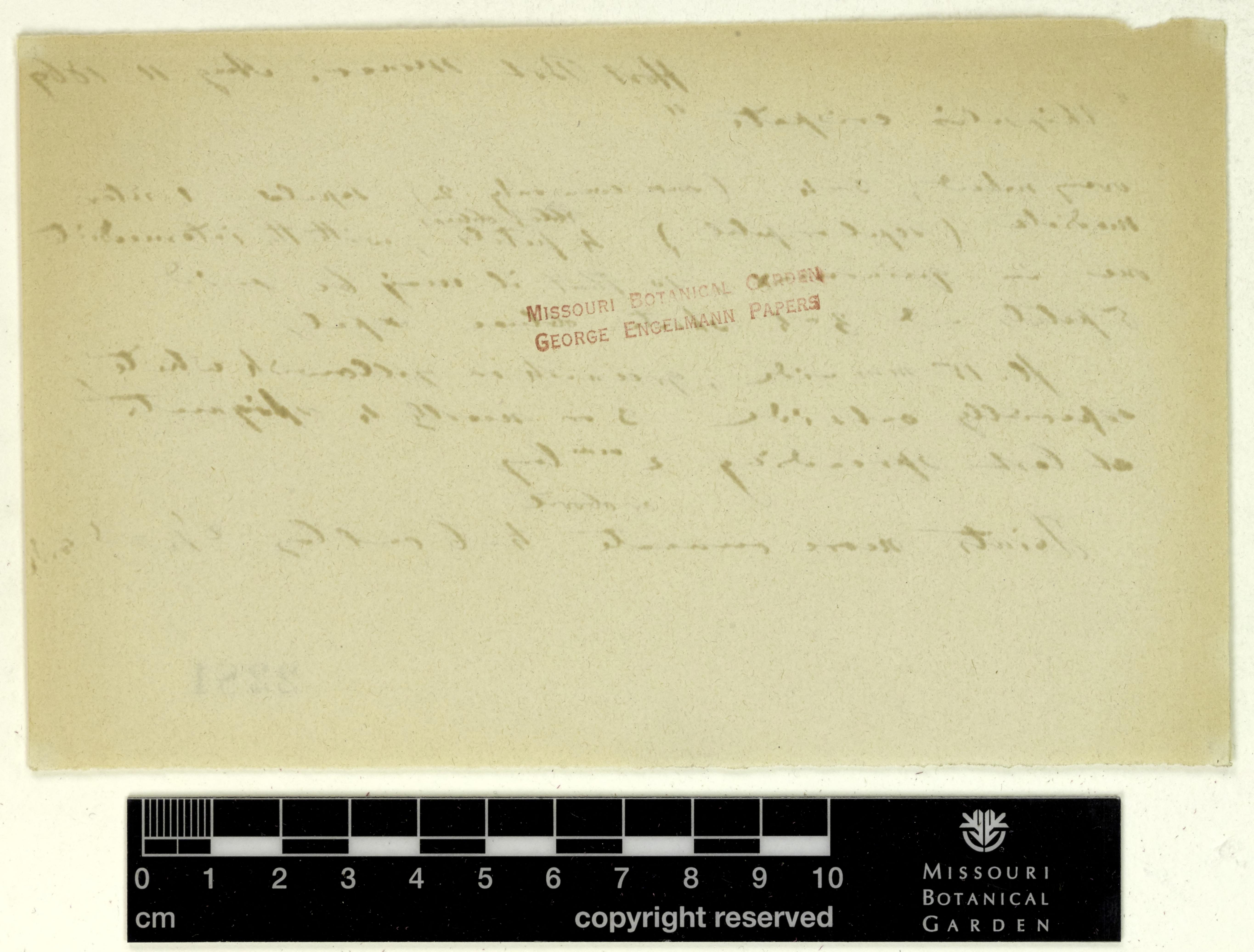
flower eventish, at last spreading.



Host Fort moner. Aug 11 1869 "Ahipselis enispete" mediate (sept or putal) 4 petals, with the intermediate one in quinoux, so that it maj be seld Spetals 2-4 skorte obline sepil, H. 15 mm vile, greenshow zellowish white, espendly outside 3 or mostly 4 sprignet. at last spreading 2 " by orobort Thints more munte 4-6 mlb 2/2-3 8%

26281





Ahipselis crispati Sport Hos Neapol Jan 7 (869)

Le pale queloursh \_ stamme, I stigness white 8 phylla, one, scale leke on upper 32 of overy 2 and 3 on edge of owny, the first /4, the Caller /2 as large as petal, - and & yellows he white petal, stames numerous, white, with alment globalen author, 4 sprending Tetal, oblong ( Kenden) obtuse In other flowers I find me some on every on smelling a second langur one on top as a 32 abhort as lange as the 5 inner petal ont engenne Swent flowers again examined - no state on side The former gradually is oreasing is size, all on same level flowers 1. Ingle on sometimes 2 in the same axis Mout paler green than the other spen's 2282

0 1 2 3 4 5 6 7 8 9 10

Copyright reserved

GARDEN


MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS

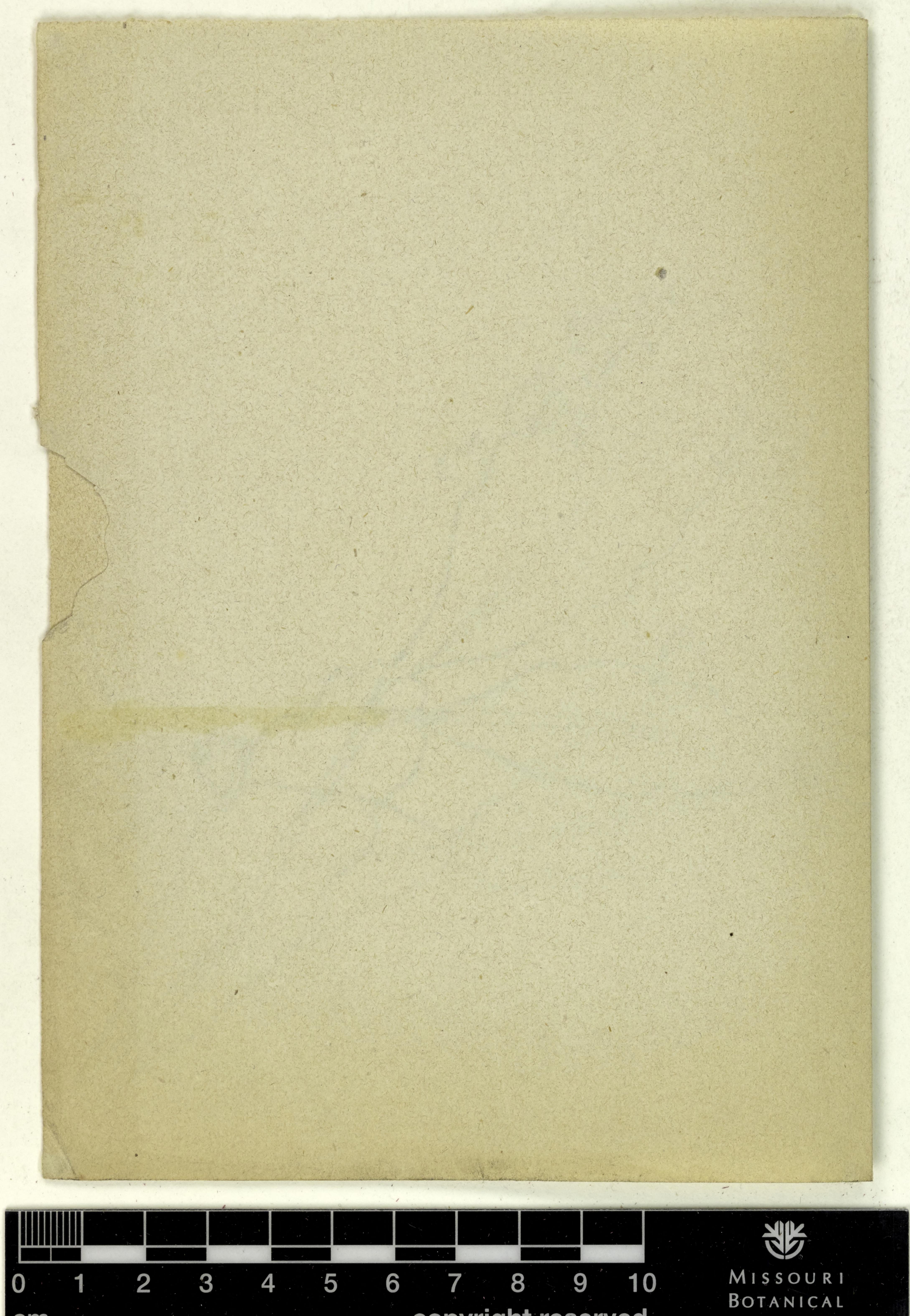


Ahipente Alemander Actual 1869/ SE CREE

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

MISSOURI BOTANICAL GARDEN





copyright reserved



46 Res Sopt- 1869 Mjorles Prov. Il Paulo Brustin "i arboriter per ble". A some of Sollows 2204 MISSOURI

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved

MISSOURI BOTANICAL GARDEN MISSOURI EOTANICAL GARDENT GEORGE ENGELMANN PAPERS





SELECT AZ	LALEA IND	ICA (	1876-77).
-----------	-----------	-------	-----------

			s.	d.	s. (	1.
6.1	59.	Roi Léopold (Vandercruyssen). Orange with a double, beautiful amaranth				
		blotch. Flowers of the finest form	"	10	1	3
	599.	Rosalba (Van Houtte). Tender rose, flower very large and well-shaped	1	3	2	6
Arik.	471.	Souvenir de Maximilien (Van Houtte). Immense flower of fine form. Bright				
		rose, flaked with a very intense colour	77	10	1	8
ille.	145.	Souvenir du Prince Albert (J. Verschaffelt). Very large double flower,				
		lobes broad, half white and half rose, edges pure white, a late flowe-				
		ring variety	"	10	1	3
	691.	Stuart Low (Van Houtte). A novelty of first class, double, lake rose, of				
A.		very great effect	"	77	4	"
	234.	Superba (Liebig). Very handsome foliage, very fine habit, flowers bright				
		light red.	1	3	2	6
	49.	Theresia (Liebig) (= Perfecta elegans de Smith). Orange with handsome				
		blotch, very free-flowering	"	10	1	3
	557.	Tom Pouce (Van Houtte). Very dwarf, resembling to a miniature Rhodo-				
		dendron, covered with half-open double flowers of a dark scarlet colour	"	27	in ly	8
	135.	Triomphe de Gand (D. Vervaene). Clear salmon, large flower	"	10	1	3
	159.	Vesuvius (Veitch). Large flowers of pale rosy orange, blotch shaded with				
		amaranth	27	10	1	3
	161.	Vittata crispiflora (Schulz). Medium size, flowers white, irregularly ribbo-				
		ned with rose and speckled on the upper lobes with clear green	22	10	1	3
	597.	With white-bordered leaves (Van Houtte). Splendid foliage and habit,				
		flowers red. Derived from a branch deviated of No 482, Mad. Alex. Hardy	1	8	"	27
	100	AZALEA INDICA, strong plants with fine heads (25 to 30 varieties) cover	red	with	bud	s:
777				£5	and	6.
	100	_ stronger (25 to 30 varieties) cover	red	with	h bud	s:
		$\pm 8,$	THE PERSON NAMED IN			
		AFZATENTONA				

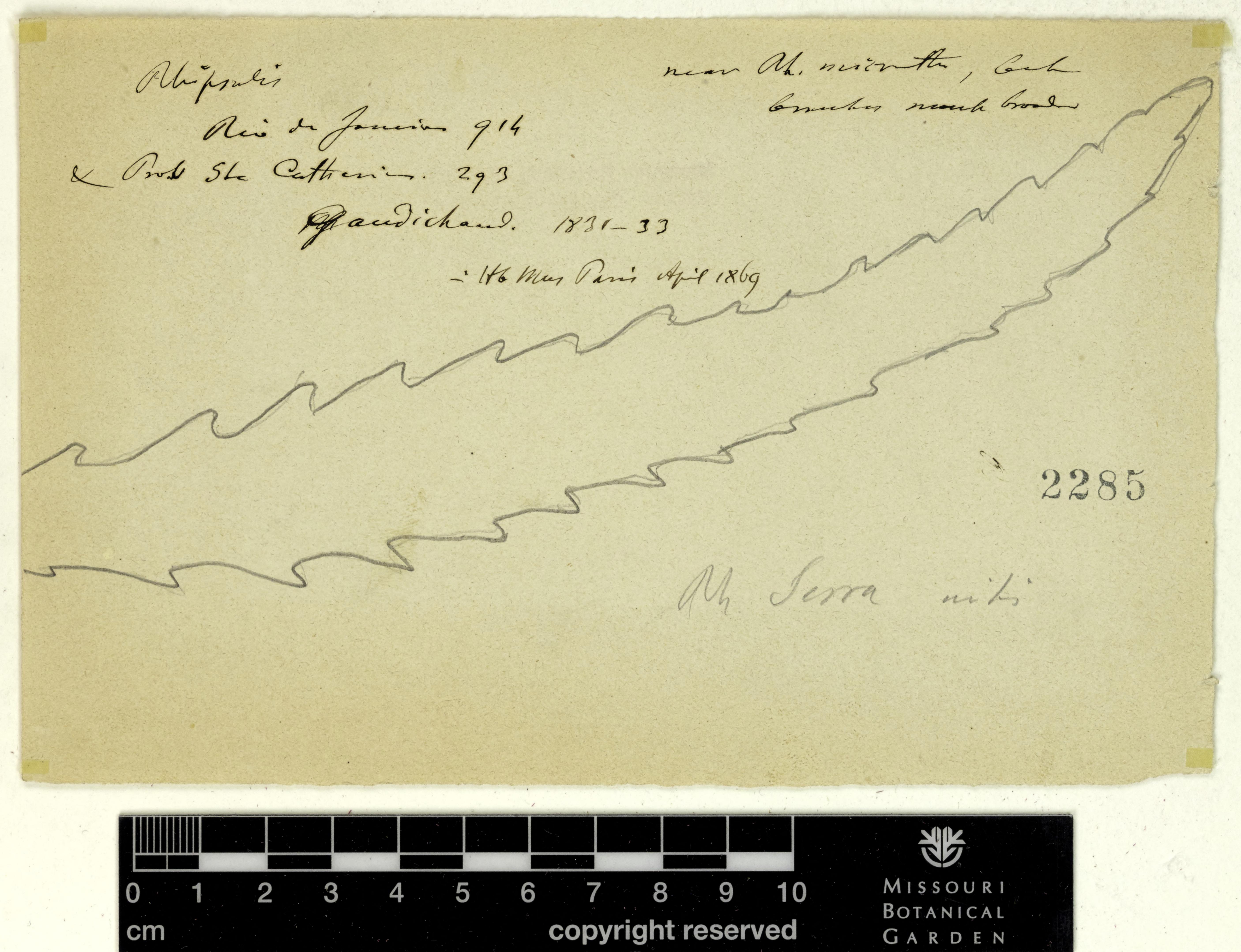
#### ATATATA TRIBA



### MISSOURI BOTANICAL GARDEN GEORGE ENGELMANN PAPERS SELECT AZALEA INDICA (1876-77).

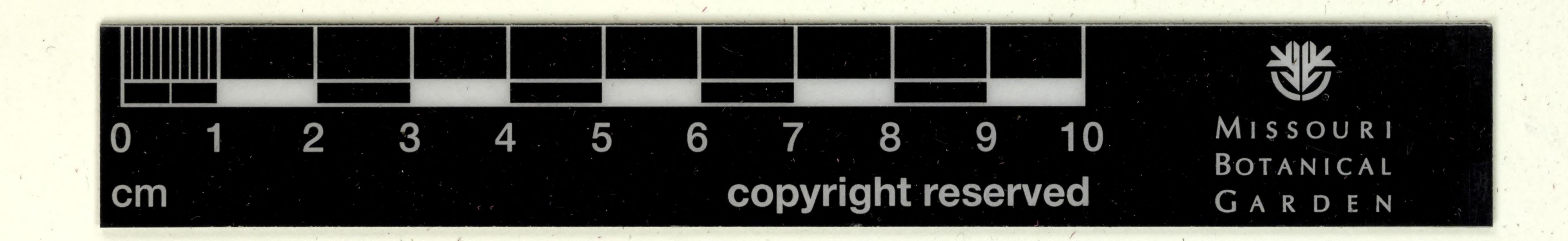
		The state of the s			13
	485.	Mad. Camille Van Langenhove (Van Houtte). Snow-white; a number of	s. d.	S.	d.
1		the flowers are barred with salmon, while others are striped with light rose and carmine; all these markings may be occasionally seen on the			
		same flowers. All papils are ornamented with green, shading off to a			
		decided yellow and spotted with deep green. A very beautiful and effective variety.	1 3	9	
	425.	Maa. Despordes-Valmore (Van Houtte). Pure white, densely spotted with	and the		
	154.	salmon and rose, very floriferous.  Mad. Dom. Vervaene (D. Vervaene) Tender rose festooned with white,	» 10	1	3
		upper lobes striped with lilac and red.	, 10	1	3
	401.	Mad. Iris Le Febvre (Van Houtte) (Flore, XVIII, 63). Flowers very double, dark orange with very broad blotch; fine habit, fine foliage and a free-			Y
	201	Howering variety. — Strong specimen 20/.	1 3	2	"
	201.	mau. vanuercruyssen (vandercruyssen). Very large flower, lively rose.			
	513.	Madem. Léonie Van Houtte (Van Houtte) (Flore, XVIII, 57). Very fine white,		1	3
		flaked with rose, blotch sulphur yellow. A late but first class variety.  Madem. Marie Le Febvre (Van Houtte) White flowers of extraordinary	1 3	2	27
		size and of excellent form. — Extra strong specimens: 201-401-601 and 801	1 3	2	"
	480.	Madem. Marie Van Houtte (Van Houtte) (Flore, XVIII, 67). First class certificate in London. Immense semi-double flowers, colour white, stri-			
		ped, flaked and blotched with rosy salmon, like a carnation, lobes broad			
	207	finely rounded, extra. — Extra strong specimens: 20/-40/-60/ and 80/.	1 3	2	"
		Mélusine (Schulz). Very rich-flowering, flowers very variable, sometimes white, striped with rose, sometimes dotted, sometimes rose on the blotch.	, 10	1	8
30	470	Mátáan		The state of the s	





MISSOURI BOTANICAL GARDEN

GEORGE ENGELMANN PAPERS



#### AZALEA INDICA.

All the novelties noted hereafter have been prized at the exhibitions of Antwerp, Brussels, Ghent, Liége and London and all were raised from seed, in this establishment.

#### Latest novelties of 1876.

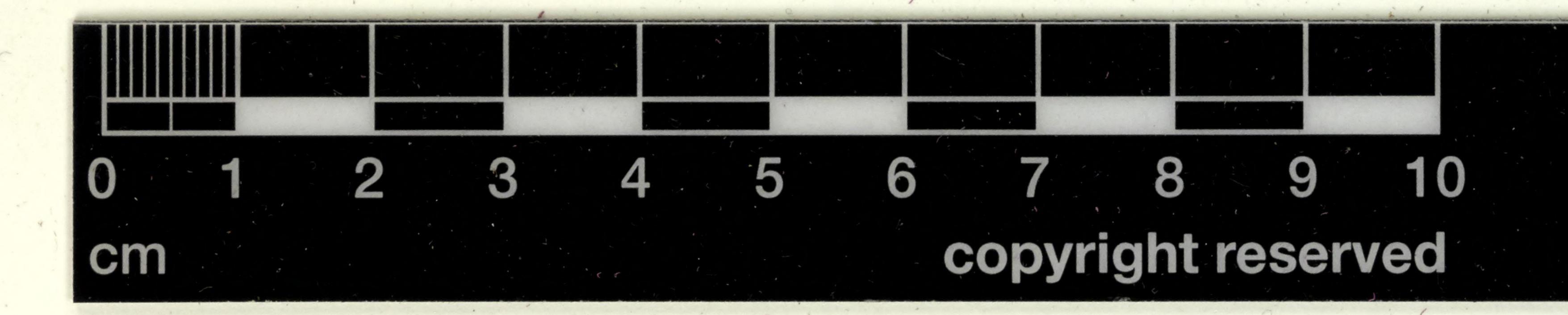
To be supplied in October.

537. Mad. Charles Van Eeckhaute (Van Houtte). Prized with acclamation at more than ten exhibitions. — First class novelty of a quite exceptional perfection; its flowers, measuring 2 1/2 inches across, borne upon very short peduncles, are the largest existing among the Azalea indica; form irreproachable with fringe of petals slightly undulated; colour of a matchless snow-white; a variety very free-flowering, full as the most double Carnation, surpassing all varieties existing.

Young graft.		•	•	•	一个		. 20/.
Small plant with	h buds	•		•			. 40/.
Very strong with	h buds		•				. 80/.

635. W. Wilson Saunders (Van Houtte). A first class novelty, honoured with first prizes at the Antwerp, Brussels and Ghent exhibitions; very large flower, single, of a white flesh-colour, striped and dotted with lively red; large, rounded petals; form flat; a very free-flowering variety.

Young	graft,	bran	ched.	8/.
Strong	plant	with	buds.	20/.





No

- 342. M. Charles Van Wambeke (Van Houtte). Lively orange, shaded with rose and spotted with citron, very free-flowering.
- 343. M. Arthur de Warelles ( " ). Flowers medium-sized, salmon, spotted with orange.
- 344. M. Jules Putzeys ( " ). Flowers red, shaded with magenta rose, upper lobes spotted with dark orange.
- 345. W. E. Gumbleton ("). Bright nankeen, centre of the lobes darker, spotted with olive green.

#### AZALEA MOLLIS SEEDLINGS.

Bushes with 6 to 15 flower-trusses; they form fine varieties in mixture, 6 years old. There will be found amongst other shades, rose, salmon-red, orange, straw and chrome yellow, carmine red, nankeen, salmon, citron, etc.

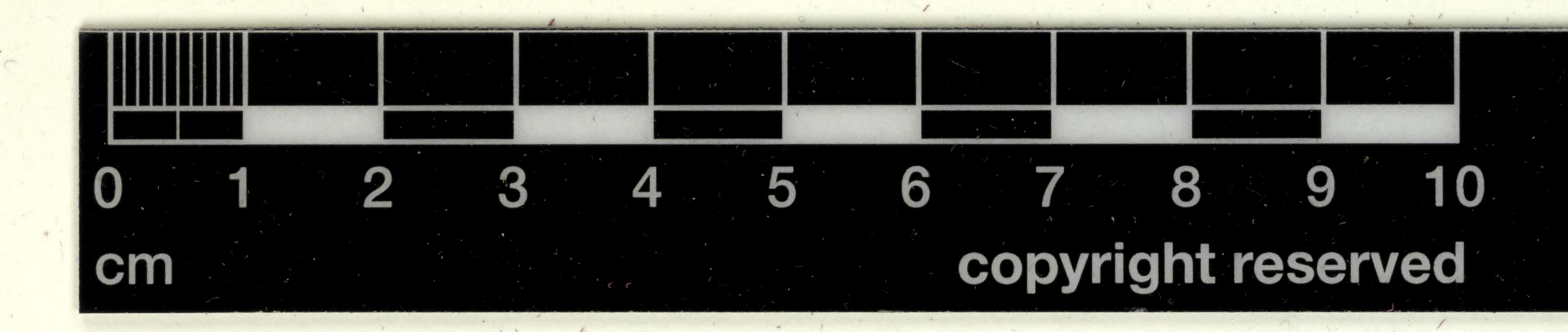
Per dozen.			241.	
Per twenty-five.			441	
Per fifty.			84/	
Per cent.		MISSOURI	DOTAIN COL	GARDEN
Per fifty Per cent		GEORGE E	NGELMANN	PAPER

#### AZALEA INDICA.

#### The INDIAN AZALEAS of the last Exhibition.

The Gardeners' Chronicle of September, the 17th, page 1202, contains the following article:

It has been well said that during the spring and early summ months there is no tribe of plants which will stair arise





He Kus Sept\_1869 Alépeles anjerte nup. Equalor, Drindair branks, 4-5 mile Scholow, brall andles in the axil of menter your fruit 72 same or a closely allie 9 me from Mov. nor, Rio Jun de de Sul m. Labelle 1835-( som ande sotts - su flant Ja ligure of the a tother, on sheet with Disornatur later of 1857 American State of the State of

0 1 2 3 4 5 6 7 8 9 10 cm copyright reserved



MISSOURI BOTANICAL CARBONN

GEORGE ENGELMANN PAPERS



